

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE		PAGE OF PAGES 1      5	
2. AMENDMENT/MODIFICATION NO. <b>31</b>		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)
6. ISSUED BY John F. Kennedy Space Center, NASA Procurement Office – ODIN – OP-OS-ODIN Kennedy Space Center, FL 32899		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  OAO Corporation 7375 Executive Place Seabrook, MD 20706-2278				(x) 9A. AMENDMENT OF SOLICITATION NO.		
				9B. DATED (SEE ITEM 11)		
				10A. MODIFICATION OF CONTRACT/ORDER NO.  <b>NAS5-98144/NNK05OA14D</b>		
				10B. DATED (SEE ITEM 13)  December 1, 2004		
CODE		FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS						
<p><input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:</p> <p>(a) By completing Items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>						
12. ACCOUNTING AND APPROPRIATION DATA (If required)						

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<b>X</b>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: <b>NAS5-98144 Contract Clause C.7 Technology Refreshment Process and FAR Clause 52.212-4 Contract Terms and Conditions-Commercial Items, (c) Changes</b>
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

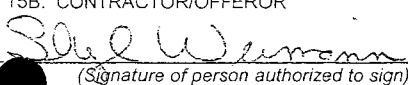
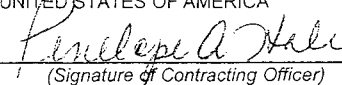
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

## Kennedy Space Center --- ODIN SERVICES

Technology Infrastructures: Incorporation of KSC Active Directory Enhancement

Change in Delivery Order Price: \$48,766.25(INCREASE)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Sheryl K. Weimann Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Penelope A. Hale Contracting Officer	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 9/13/05	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 9/16/2005

1. The purpose of this modification is incorporate KSC Active Directory Enhancement technology refreshment as part of this Delivery Order in accordance with Master Contract NAS5-98144, C.7, Technology Refreshment Process. This effort is hereby incorporated into this Delivery Order at a fixed price of \$48,766.25.
2. The contractor shall consolidate all KSC user accounts, up to 18,000, to the KSC Active Directory to meet HSPD 12 and to operate with upcoming NISE projects as outlined in OAO proposal dated August 29, 2005.
3. The contractor shall be responsible for performance of the following tasks:
  - a. Upgrade existing active directory controllers to a 2GB RAM configuration. The existing KSCADC001 and KSCADC002 hardware platforms will be upgraded from 1GB of RAM to 2GB of RAM.
  - b. Activate an additional active directory controller platform. This platform will be a dual processor system with 4GB RAM and will assume the primary controller function. The hardware will be procured and installed, configured, and maintained in the CIF facility.
  - c. Provision and create new user accounts as required when requested by the approving NASA authority. Scripting functions will be used to create new accounts based on account request information provided by NASA. User will be informed of account activation and initial password via e-mail. Once created, user accounts will be maintained per the provisions of existing security plan and operating procedures. Accounts will be created utilizing the existing KSC domain naming conventions and placed only in the "Domain Users" group. The approving NASA authority will provide new account request information via electronic media with the following fields for each user account:
    - Last Name
    - First Name
    - Middle Initial
    - KSID
    - Employer
    - KMAIL E-mail address

4. The contractor shall provide the following material:
- a. One (1) each Active Directory Controller, consisting of:

Item	Description	Product Code
PowerEdge 2850:	Intel® Xeon™ Processor at 3.6GHz/2MB Cache, 800MHz FSB	285362
Additional Processor:	Intel® Xeon™ Processor at 3.6GHz/2MB Cache, 800MHz FSB	2P362
Memory:	4GB DDR2 400MHz (4X1GB), Single Ranked DIMMs	4G4D4S
Chassis Configuration:	Rack Chassis w/Rapid Rails for Dell, HPQ or other Square Hole Racks, PE2850	RPDRAIL
Operating System:	Windows® Server 2003, Enterprise x64 Edition, Includes 5 CALs	W2K364E
Hard Drive Configuration:	Drives attached to embedded PERC4ei, RAID 1, 2 Drives required	MR1
Riser Card:	Riser with PCI-X Support and Embedded Raid (ROMB) Support	ROMBPCX
Hard Drive Backplane:	1x6 Hard Drive Backplane, PE2850	1X6BKPL
Bezel:	Active ID Bezel Option	BEZEL
Primary Hard Drive:	36GB 15K RPM Ultra 320 SCSI Hard Drive	36G153
2nd Hard Drive:	36GB 15K RPM Ultra 320 SCSI Hard Drive	36G153
Primary Controller:	Embedded RAID (ROMB) - PERC4ei (Embedded Integrated)	ROMB
Network Adapter:	Dual On-Board NICs OBNICS	OBNICS
CD/DVD Drive:	24X IDE CD-ROM	24XCD
Floppy Drive:	1.44MB Floppy Drive	FD
Power Supply:	Redundant Power Supply With Dual Cords (No Y Cord)	RPSNY
Documentation:	Electronic Documentation and OpenManage CD Kit	EDOCS
Hardware Support Services:	3Yr SILVER Support, 4Hr Onsite, S/W Support	SILVERU

- b. One (1) each KVM Switch – Belkin OmniView PRO2 with On-Screen Display - 8 ports, Screen Display MFG# 1DA108T-B

5. Schedule: The effort shall begin no later than January 1, 2006 and continue through the remainder of this delivery order, November 30, 2007.
6. Below are additional stipulations regarding this effort:
- Account requests will be screened and approved by NASA approving authority or designee.
  - Accounts will be requested for anyone with a badge in the NASA Common Badging and Access Control System (CBACS). Accounts are required for access to NASA IT resources.
  - Bulk inputs can be used for account creation.
7. Part II “Contract Administration Data”, Item 4, is revised to incorporate the increase of \$48,766.25 for this infrastructure upgrade.

8. Payment Schedule: Invoicing and Payment for this modification will be made in accordance with Master Contract NAS5-98144, FAR 52.212-4: Commercial Items (May 1997) (Modified).
9. In consideration of the modification agreed to herein as complete equitable adjustment for the changes set forth, the Contractor hereby releases the Government from any and all liability under this delivery order for further equitable adjustments attributable to such facts or circumstances giving rise to these changes.
10. All other terms and conditions of this Delivery Order remain unchanged and in full force and effect.